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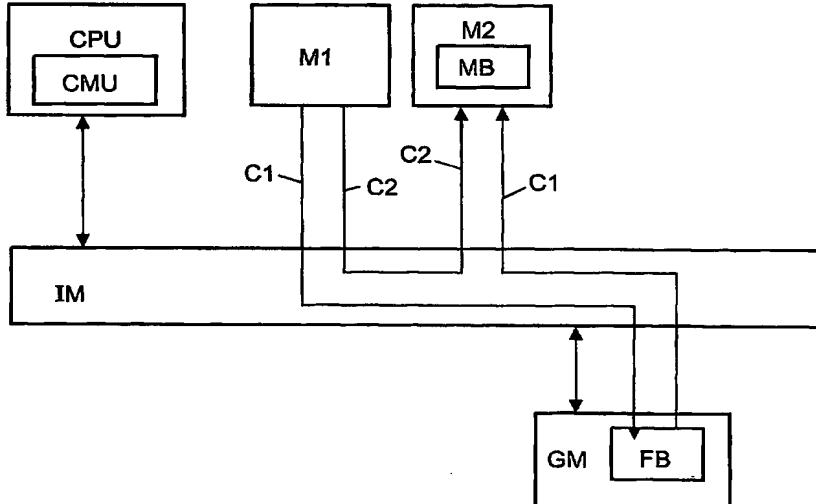
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(54) Title: INTEGRATED CIRCUIT WITH DYNAMIC COMMUNICATION SERVICE SELECTION



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(57) Abstract: An integrated circuit comprising a plurality of modules (M1 to M5, CPU) for processing applications, a global memory (GM), which can be shared by said plurality of modules (M1 to M5, CPU), an interconnect means (IM) for interconnecting said modules (M1 to M5, CPU) and said global memory (GM) based on a plurality of communication services (C1, C2) is provided. Said integrated circuit further comprises at least one communication managing unit (CMU) for managing the communication between said plurality of modules (M1 to M5), wherein said communication managing unit (CMU) receives a request for a communication between at least two of said modules (M1 to M5, CPU) and dynamically selects one of said plurality of communication services (C1, C2) as basis for the requested communication between said modules (M1 to M5, CPU).

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